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PTO/SB/21 (02-04)

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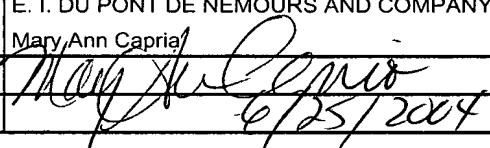
## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/774,286
Filing Date	February 06, 2004
First Named Inventor	Kerwin D. Dobbs Et. Al.
Art Unit	1774
Examiner Name	Unknown
Total Number of Pages in This Submission	Attorney Docket Number
	UC0405USCIP

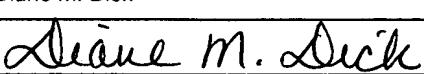
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Remarks _____		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	E. I. DU PONT DE NEMOURS AND COMPANY Mary Ann Capria
Signature	
Date	6/25/2004

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Date	June 25, 2004

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF:

KERWIN D. DOBBS ET. AL.

CASE NO.: UC0405USCIP

APPLICATION NO.: 10/774,286

CONFIRMATION NO.: 8498

GROUP ART UNIT: 1774

EXAMINER: UNKNOWN

FILED: FEBRUARY 06, 2004

FOR: ELECTROLUMINESCENT IRIDIUM COMPOUNDS WITH FLUORINATED PHENYL PYRIDINE LIGANDS, AND DEVICES MADE WITH SUCH COMPOUNDS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed.

Applicants also bring to the attention of the Patent and Trademark the U.S. applications listed in the table below. Please note that U.S. Application Ref. Nos. 2-12 are either continuations or divisionals that depend from the same application (09/879,014), with different claims, and only the originally filed parent application is provided. In addition, copies of U.S. Application Nos. 10/284,593 (Ref. No. 13) and 10/284,728 (Ref. No. 14) are provided herewith.



Reference No.	Atty. Docket No.	Application No.	Filing Date	Inventor
1	PE0649 US NA	09/879,014	06/12/2001	Vladimir Grushin et al.
2	PE0649 USCNT	10/366,295	02/13/2003	Vladimir Grushin et al.
3	PE0649 USCNT1	10/699,411	10/30/2003	Vladimir Grushin et al.
4	PE0649 USDIV	10/459,946	06/12/2003	Vladimir Grushin et al.
5	PE0649 USDIV1	10/696,060	10/29/2003	Vladimir Grushin et al.
6	PE0649 USDIV2	10/696,349	10/29/2003	Vladimir Grushin et al.
7	PE0649 USDIV3	10/696,003	10/29/2003	Vladimir Grushin et al.
8	PE0649 USDIV4	10/696,401	10/29/2003	Vladimir Grushin et al.
9	PE0649 USDIV5	10//696,095	10/29/2003	Vladimir Grushin et al.
10	PE0649 USDIV6	10/696,048	10/29/2003	Vladimir Grushin et al.
11	PE0649 USDIV7	10/720,967	11/24/2003	Vladimir Grushin et al.
12	PE0649 USDIV8	10/720,954	11/24/2003	Vladimir Grushin et al.
13	PE0678 US NA	10/284,593	10/31/2002	Daniel D. LeCloux et al.
14	PE0686 US NA	10/284,728	10/284,728	Daniel D. LeCloux et al.

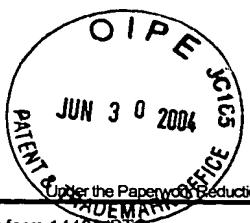
Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

MARY ANN CAPRIA  
ATTORNEY FOR APPLICANTS  
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Dated: 6/25/04

Enclosures



PTO/SB/08A (08-03)

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**Substitute for form 1449A/P TO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/774,286
Filing Date	February 06, 2004
First Named Inventor	KERWIN D. DOBBS
Group Art Unit	1774
Examiner Name	UNKNOWN
Attorney Docket Number	UC0405USCIP

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Attorney Docket Number UC0405USCIP

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		CountryCode <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 96/03410 A1	02-08-1996	BoehringerMannheimGmbH		<input type="checkbox"/>
		WO 00/57676 A1	09-28-2000			<input type="checkbox"/>
		WO 00/70655 A2	11-23-2000	Princeton Univ & USC		<input type="checkbox"/>
		WO 01/41512 A1	06-07-2001	Princeton Univ & USC		<input type="checkbox"/>
		WO 02/02714 A2	01-10-2002	DuPont		<input type="checkbox"/>
		WO 02/15645 A1	02-21-2002	Princeton Univ & USC		<input type="checkbox"/>
		WO 02/44189 A1	06-06-2002	Canon		<input type="checkbox"/>
		EP 1 175 128 A2	01-23-2002	Fuji Photo Film Co.		<input type="checkbox"/>
		EP 1 191 614 A2	03-27-2002	Canon Kabushiki Kaisha		<input type="checkbox"/>

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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of

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**Complete if Known**

Application Number	10/774,286
Filing Date	February 06, 2004
First Named Inventor	KERWIN D. DOBBS ET. AL.
Group Art Unit	1774
Examiner Name	UNKNOWN
Attorney Docket Number	UC0405USCIP

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DJUROVICH, PETER I. ET AL., Ir(III) Cyclometalated Complexes As Efficient Phosphorescent Emitters in Polymer Blend and Organic LEDs, Polymer Preprints, 2000, 770-771, 41(1)	<input type="checkbox"/>
		CHATANI, NAOTO ET AL., Ru3(CO)12-Catalyzed Reaction of Pyridylbenzenes with Carbon Monoxide and Olefins. Carbonylation at a C-H Bond in the Benzene Ring, J. Org. Chem., 1997, 2604-2610, 62, American Chemical Society	<input type="checkbox"/>
		GOSMINI, CORINNE ET AL., Electrosynthesis of functionalized 2-arylpuridines from functionalized aryl and pyridine halides catalyzed by nickel bromide 2,2'-bipyridine complex, Tetrahedron Letters, 2000, 5039-5042, 41, Elsevier Science Ltd.	<input type="checkbox"/>
		CACCHI, SANDRO ET AL., The Palladium-Catalyzed Transfer Hydrogenation/Heterocyclization of B-(2-Aminophenyl)-a,B-yrones. An Approach to 2-Aryl- and 2-Vinylquinolines, Synlett, 1999, 401-404, No. 4, Thieme Stuttgart, New York	<input type="checkbox"/>
		BALDO, M. A. ET AL., Very high-efficiency green organic light-emitting devices based on electrophosphorescence, Applied Physics Letters, July 5, 1999, 4-6, 75(1) American Institute of Physics	<input type="checkbox"/>
		BALDO, M. A. ET AL., High-efficiency fluorescent organic light-emitting devices using a phosphorescent sensitizer, Nature, February 17, 2000, 750-753, 403, Macmillan Magazines Ltd.	<input type="checkbox"/>
		WANG, YUE ET AL., (Hydroxyphenyl)pyridine derivative, its metal complexes and application as electroluminescence material, Chemical Abstracts Service, March 1, 2000, Database No. 133:315395	<input type="checkbox"/>
		DEDEIAN K. ET AL., A New Synthetic Route to the Preparation of a Series of Strong Photoreducing Agents: fac-Tris-Ortho-Metalated Complexes of Iridium(III) with Substituted 2-Phenylpyridines, Inorg. Chem., 1991, 1685-1687, 30(8), American Chemical Society	<input type="checkbox"/>
		LAMANSKY, SERGEY ET AL., High Phosphorescent Bis-Cyclometalated Iridium Complexes: Synthesis, Photophysical Characterization, and Use in Organic Light Emitting Devices, J. Am. Chem. Soc., 2001, 4304-4312, 123, American Chemical Society	<input type="checkbox"/>
		LAMANSKY, SERGEY ET AL., Synthesis and Characterization of Phosphorescent Cyclometalated Iridium Complexes, J. Am. Chem. Soc., 2001, 1704-1711, 40, American Chemical Society	<input type="checkbox"/>
		LAMANSKY SERGEY ET AL., Molecularly doped polymer light emitting diodes utilizing phosphorescent Pt(II) and Ir (III) dopants, Organic Electronics, 2001, 53-62, 2, Elsevier Science B.V.	<input type="checkbox"/>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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